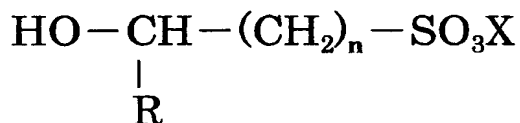


CLAIMS

1. An electroless gold plating liquid comprising a non-cyanide gold salt as a gold salt, an alkali metal salt or an ammonium salt of sulfurous acid and thiosulfuric acid as a complexing agent for gold, a hydroxyalkylsulfonic acid or a salt thereof represented by the following general formula as a reducing agent, and an amine compound.

[Chemical Formula 1]



(wherein R represents hydrogen, a carboxyl group, or any of a phenyl group, a tolyl group, a naphthyl group, a saturated or unsaturated alkyl group, an acetyl group, an acetonyl group, a pyridyl group and a furyl group which may have a substitutional group, X represents any of hydrogen, Na, K, and NH₄, and n is an integer between 0 and 4.)

2. An electroless gold plating liquid according to Claim 1, wherein the reducing agent represented by said general formula is sodium hydroxymethanesulfonate (HOCH₂SO₃Na).

3. An electroless gold plating liquid according to Claim 1 or 2, wherein the non-cyanide gold salt is sodium gold sulfite.

4. An electroless gold plating liquid according to any one of Claims 1 through 3, wherein said amine compound is ethylenediamine or glycine.

5. A gold plated product produced by using an electroless gold plating liquid according to any one of Claims 1 through 4.